



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,838A

DATE: 11/22/2002

TIME: 12:47:59

Input Set : N:\paola\US09830838A.raw

Output Set: N:\CRF4\11222002\I830838A.raw

C--> 1 <110> APPLICANT: HABERHAUSEN, GERD  
2 KASPER, PIA  
3 KESSLER, CHRISTOPH  
4 <120> TITLE OF INVENTION: New primers and probes for the detection of HIV  
5 <130> FILE REFERENCE: 4933  
6 <140> CURRENT APPLICATION NUMBER: US/09/830,838A  
7 <141> CURRENT FILING DATE: 2002-02-15  
8 <160> NUMBER OF SEQ ID NOS: 25  
9 <170> SOFTWARE: PatentIn version 3.1  
11 <210> SEQ ID NO: 1  
12 <211> LENGTH: 62  
13 <212> TYPE: DNA  
14 <213> ORGANISM: Human immunodeficiency virus  
15 <400> SEQUENCE: 1  
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17 gc 62  
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20 <211> LENGTH: 62  
21 <212> TYPE: DNA  
22 <213> ORGANISM: Human immunodeficiency virus  
23 <400> SEQUENCE: 2  
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25 ga 62  
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28 <211> LENGTH: 62  
29 <212> TYPE: DNA  
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31 <400> SEQUENCE: 3  
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33 gt 62  
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36 <211> LENGTH: 54  
37 <212> TYPE: DNA  
38 <213> ORGANISM: Human immunodeficiency virus  
39 <400> SEQUENCE: 4  
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42 <210> SEQ ID NO: 5  
43 <211> LENGTH: 59  
44 <212> TYPE: DNA  
45 <213> ORGANISM: Human immunodeficiency virus  
46 <400> SEQUENCE: 5  
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49 <210> SEQ ID NO: 6

ENTERED

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50 <211> LENGTH: 65
51 <212> TYPE: DNA
52 <213> ORGANISM: Human immunodeficiency virus
53 <400> SEQUENCE: 6
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55     acaga                                                                    65
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58 <211> LENGTH: 53
59 <212> TYPE: DNA
60 <213> ORGANISM: Human immunodeficiency virus
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64 <210> SEQ ID NO: 8
65 <211> LENGTH: 76
66 <212> TYPE: DNA
67 <213> ORGANISM: Human immunodeficiency virus
68 <400> SEQUENCE: 8
69     aaggaaaagg tctatctggc atgggtacca gcacacaagg aattggagga aatgaacaag      60
70     tagataaatt agtcag                                                         76
72 <210> SEQ ID NO: 9
73 <211> LENGTH: 67
74 <212> TYPE: DNA
75 <213> ORGANISM: Human immunodeficiency virus
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78     actgtag                                                                    67
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85     caggaatttg gaattcccta caatccccaa agtcaaggag tagtagaatc tatgaataa      59
87 <210> SEQ ID NO: 11
88 <211> LENGTH: 101
89 <212> TYPE: DNA
90 <213> ORGANISM: Human immunodeficiency virus
91 <400> SEQUENCE: 11
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93     gcaaagctcc tctggaaagg tgaaggggca gtagtaatac a                          101
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101     ta                                                                    62
103 <210> SEQ ID NO: 13
104 <211> LENGTH: 97
105 <212> TYPE: DNA

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Input Set : N:\paola\US09830838A.raw

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106 <213> ORGANISM: Human immunodeficiency virus
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115 <400> SEQUENCE: 14
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119 <211> LENGTH: 26
120 <212> TYPE: DNA
121 <213> ORGANISM: Human immunodeficiency virus
122 <400> SEQUENCE: 15
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125 <210> SEQ ID NO: 16
126 <211> LENGTH: 18
127 <212> TYPE: DNA
128 <213> ORGANISM: Human immunodeficiency virus
129 <400> SEQUENCE: 16
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132 <210> SEQ ID NO: 17
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Human immunodeficiency virus
136 <400> SEQUENCE: 17
137      tttggaattc cctacaatcc      20
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140 <211> LENGTH: 26
141 <212> TYPE: DNA
142 <213> ORGANISM: Human immunodeficiency virus
143 <400> SEQUENCE: 18
144      aattctttat tcatagattc tactac      26
146 <210> SEQ ID NO: 19
147 <211> LENGTH: 15
148 <212> TYPE: DNA
149 <213> ORGANISM: Human immunodeficiency virus
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151      cccaaagtca aggag      15
153 <210> SEQ ID NO: 20
154 <211> LENGTH: 24
155 <212> TYPE: DNA
156 <213> ORGANISM: Human immunodeficiency virus
157 <400> SEQUENCE: 20
158      tcaaaatttt cgggtttatt acag      24
160 <210> SEQ ID NO: 21
161 <211> LENGTH: 20
162 <212> TYPE: DNA

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,838A

DATE: 11/22/2002

TIME: 12:48:00

Input Set : N:\paola\US09830838A.raw

Output Set: N:\CRF4\11222002\I830838A.raw

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164 <400> SEQUENCE: 21	
165       agctttgctg gtcctttcca	20
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168 <211> LENGTH: 19	
169 <212> TYPE: DNA	
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171 <400> SEQUENCE: 22	
172       ggacagcaga aatccactt	19
174 <210> SEQ ID NO: 23	
175 <211> LENGTH: 26	
176 <212> TYPE: DNA	
177 <213> ORGANISM: Human immunodeficiency virus	
178 <400> SEQUENCE: 23	
179       gcaactagat tgtacacatt tagaag	26
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182 <211> LENGTH: 25	
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190 <212> TYPE: DNA	
191 <213> ORGANISM: Human immunodeficiency virus	
192 <400> SEQUENCE: 25	
193       gaaaagttat cctggtagca gtt	23

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/830,838A

DATE: 11/22/2002

TIME: 12:48:01

Input Set : N:\paola\US09830838A.raw

Output Set: N:\CRF4\11222002\I830838A.raw

L:6 M:270 C: Current Application Number differs, Wrong Format

**STATISTICS SUMMARY**

PATENT APPLICATION: US/09/830,838A

DATE: 11/22/2002

TIME: 12:48:01

Input Set : N:\paola\US09830838A.raw

Output Set: N:\CRF4\11222002\I830838A.raw

Application Serial Number: US/09/830,838A

Alpha or Numeric or Xml: Numeric

Application Class:

Application File Date: 02-15-2002

Art Unit: PCT

Software Application: PatentIN3.1

Total Number of Sequences: 25

Total Nucleotides: 1141

Total Amino Acids: 0

Number of Errors: 0

Number of Warnings: 0

Number of Corrections: 1

**MESSAGE SUMMARY**

270 C: 1 (Current Application Number differs)